FORM PTO-1390 (REV. 01-2003) TRANSMITTAL LETTER TO THE UNITED STATES

## DESIGNATED/ELECTED OFFICE (DO/EO/US)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY 'S DOCKET NUMBER

CL001361-US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

	CONCERNING A FILIN	10/50654							
	NATIONAL APPLICATION NO. IS03/06670	INTERNATIONAL FILING DATE 05 March 2003	PRIORITY DATE CLAIMED 05 March 2002						
	OF INVENTION d Human Transporter Proteins, N	ucleic Acid Molecules Encoding Human T	ransporter Proteins, and Uses Thereof						
YAN,	ANT(S) FOR DO/EO/US Xianghe, et al.								
Applica	nt herewith submits to the United Sta	ites Designated/Elected Office (DO/EO/US)	the following items and other information:						
	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2. 🔲 '	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3. \ \ '	his is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include ems (5), (6), (9) and (21) indicated below.								
	The US has been elected (Article 31								
_	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a. is attached hereto (required only if not communicated by the International Bureau).								
	<ul> <li>b.  has been communicated by the International Bureau.</li> <li>c.  is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>								
6. 🗍 .	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
_	a. is attached hereto.								
	b. has been previously submi	tted under 35 U.S.C. 154(d)(4).							
7. 🔲 .		ernational Application under PCT Article 19							
;	=	ed only if not communicated by the Internation	onal Bureau).						
1	b. have been communicated b	by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
•	d.  have not been made and w	ill not be made.							
8. 🔲	An English language translation of the	ne amendments to the claims under PCT Arti	cle 19 (35 U.S.C. 371 (c)(3)).						
9.	An oath or declaration of the invento	or(s) (35 U.S.C. 371(c)(4)).							
_	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
. Item	s 11 to 20 below concern documen	t(s) or information included:							
11.	An Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recor	ding. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.						
13. 🗌	A preliminary amendment.								
14.	An Application Data Sheet under 3	37 CFR 1.76.							
15.	A substitute specification.								
16.	A power of attorney and/or chang	e of address letter.							
17. 🗸	A computer-readable form of the s	equence listing in accordance with PCT Rule	: 13ter.2 and 37 CFR 1.821 - 1.825.						
18.	A second copy of the published int	ernational application under 35 U.S.C. 154(c	l)(4).						
19. 🗌	A second copy of the English lang	uage translation of the international applicati	on under 35 U.S.C. 154(d)(4).						
20.	Other items or information:								
	,								

To Be Assure 5 06 5 14 9 INTERNATIONAL APPLICATION NO. PCT/US03/06670					ATTORNEY'S DOCKET NUMBER CL001361-US				
21. The following fees are submitted:						CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):									
Neither international preliminary examination fee (37 CFR 1.482)									
nor international se and International Se	nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO								
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$900.00									
International prelim but international se	ninary examinati arch fee (37 CFI	on fee (3 R 1.445(a	7 CFR 1.482) not paid to a)(2)) paid to USPTO	USPTO \$750.00					
International prelim	ninary examinati	on fee (3	7 CFR 1.482) paid to US	PTO \$730.00					
but all claims did not satisfy provisions of PCT Article 33(1)-(4)									
and all claims satisfied provisions of PCT Article 33(1)-(4)					\$ 75	50.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$				
CLAIMS	NUMBER FII	LED	NUMBER EXTRA	RATE	\$				
Total claims	23 - 2	0 =	3	x \$18.00	\$	54.00			
Independent claims		3 =	4	x \$84.00	_	36.00			
MULTIPLE DEPEN				+ \$280.00	\$		<u> </u>		
			F ABOVE CALCU		\$ 1,	140.00	<u> </u>		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$		<b>-</b>		
			St	JBTOTAL =	\$				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$				
TOTAL NATIONAL FEE =					\$ 1,	140.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +									
TOTAL FEES ENCLOSED =					\$ 1,	140.00			
						ount to be refunded:	\$		
						charged:	\$		
a.  A check in	the amount of	\$	to cover th	e above fees is enclos	sed	-			
b. Please char A duplicate	ge my Deposit A copy of this she	Account leet is enc	No. <u>50-0970</u> in losed.	the amount of $\frac{1,14}{2}$	10.00	to cover the	e above fees.		
			ized to charge any addition				ny		
overpayment to Deposit Account No. 50-0970 . A duplicate copy of this sheet is enclosed.									
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPO	SEND ALL CORRESPONDENCE TO:								
				CICNIATIO	DE /				
CELERA GENOMICS  45 West Gude Drive C2-21									
Rockville, Maryland 20850						πman			
				NAME	_				
1				47,98					
	REGISTRATION NUMBER								

ILS. APPLIESTI AND IT TO TO Be Assure 5	106°5°4° РСТ	INTERNATIONAL APPLICATION NO. /US03/06670			ATTORNEY'S DOC CL001361-US			
21. The follow	ving fees are submitted:			CAL	LCULATIONS	PTO USE	ONLY	
BASIC NATIONAL	L FEE (37 CFR 1.492 (a)		,			· v-26		
Neither internation	nal preliminary examinati	tion fee (37 CFR 1.482)	,		_AS=== ::	-48-5Y		
nor international S	search fee (37 CFR 1.445) Search Report not prepare	(a)(2)) paid to USP10 and by the EPO or JPO	\$10K0 00	1	BEPOSIT AC	COUNT NO.	1	
		·	\$1060.00		501	mid	A	
USPTO but Intern	ninary examination rec (	(37 CFR 1.482) not paid to repared by the EPO or JPO	o O <b>\$900.00</b>				đ	
		(37 CFR 1.482) not paid to	••••	1	PEE	VALIF	A	
but international se	earch fee (37 CFR 1.445)	(37 CFR 1.482) not paid to (a)(2)) paid to USPTO	o USPTO \$750.00	1		[ ]	4 .	
				1	1614	SHU	á	
International preim but all claims did r	ninary examination tee (	(37 CFR 1.482) paid to US PCT Article 33(1)-(4)	SPTO <b>\$720.00</b>	1		<u> </u>	8	
International prelin	minary examination fee (3	(37 CFR 1.482) paid to US	SPTO		1614:	258 1	Å	
and all claims satis	sfied provisions of PCT A	Article 33(1)-(4)	\$100.00		_#		4	
ENTE:	R APPROPRIATE	BASIC FEE AMOU	UNT =	\$ 75	50.00	1,32	A .	
Surcharge of \$130.0	on for furnishing the oath	or declaration later than 3	20 months		1617	130	4	
from the earliest clai	nimed priority date (37 CF	FR 1.492(e)).	30 monus	\$	F	T	1	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	<u>Land</u>	A TOWNSON	<u> </u>	
Total claims	23 - 20 =	NUMBER EXTRA	x \$18.00	1	54.00	<del></del>		
Independent claims	7 -3 =	4	x \$18.00 x \$84.00	<del></del>	36.00	+	J <del> </del>	
	DENT CLAIM(S) (if app		+ \$280.00	\$ 33	טט.טג	+		
	TOTAL C	OF ABOVE CALCU	JLATIONS =	-	140.00	+		
Applicant claim	ns small entity status. See	ee 37 CFR 1.27. The fees i		\$	170.0.	+		
are reduced by	1/2.	;	+					
		SI	UBTOTAL =	\$		<b>†</b>		
Processing fee of \$1.	30.00 for furnishing the J	English translation later th	han 30 months Adjustment Date: 01	18/20/	AC WALVARAD	1		
Irom the carried	med priority date (5, 52		03/08/2004 GFKEII	LOOODOT	150 300310 3	1 506549		
		TOTAL NATIO		<del>                                     </del>	140.00			
Fee tor recording the accompanied by an a	enclosed assignment (3) appropriate cover sheet (2)	37 CFR 1.21(h)). The assig (37 CFR 3.28, 3.31). \$40.0	.00 per property +	\$	-			
		TOTAL FEES EN	NCLOSED =		140.00			
					unt to be efunded:	\$		
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b. Please charge	rge my Deposit Account	No. <u>50-0970</u> in	the amount of $\$ \frac{1,14}{1}$		to cover the	e above fe	es.	
A duplicate	e copy of this sheet is encl	losed.	<u>-</u>		_	,	<b>5</b> 0.	
c.  The Commi	issioner is hereby author	rized to charge any addition of the control of the	onal fees which may b	e requi	ired, or credit a	any		
i								
d. Fees are to b	be charged to a credit car	rd. WARNING: Informa	ation on this form may	v becor	me public. Pos	edit(gard		
information	n should not be included	d on this form. Provide G	CEO E TO CONTRACTOR DE LA CONTRACTOR DE	"	500970 4Hnor <b>189369</b> 49	n PTO-203	38.	
		Sale Of F	e Ref: 00000003 DA#: FC:1617 130.0	00 DA	. •			
NOTE: Where an	appropriate time limit ı	01 F under 37 CFR 1.495 has	s not been met, a petit					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPO		!	<del>_</del>	4	11/	$\sim$		
CELERA GENOMIC			SIGNATU	-/	<i>4</i> —	<u> </u>		
45 West Gude Drive	e C2-21	1	SIGNATUR	U				
Rockville, Maryland	_	Lin Sun	n-Hon	iman				
			NAME	-	_	_	-	
			47,983				-	
			REGISTRA	ATION N	JUMBER			
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